

CLAIMS

1. A battery charger comprising:
 - a charger body having
 - a charge circuit coupled to a power supply;
 - at least one first conductor electrically coupled to said charge circuit; and
 - at least one first contact electrically coupled to said charge circuit; and
 - a battery compartment having
 - at least one second contact electrically coupled to said first contact,
 - at least one second conductor electrically coupled to said second contact;
 - said battery compartment being coupled to said charge body so that at a fold position, said battery compartment forms one unite with said charger body while at a charge position, said battery compartment accommodates at least one battery for charging.
2. The battery charger as recited in Claim 1 wherein said battery compartment is pushed into said charge body to provide said fold position and pulled out said charge body to provide said charge position.
3. The battery charger as recited in Claim 1 wherein said battery compartment is pivotally coupled to said charge body.
4. The battery charger as recited in Claim 1 wherein said first and second conductors are in opposition at said charge position.
5. The battery charger as recited in Claim 1 further including a first rotational holder of said first conductor, said rotational holder being coupled to said charger body so that said first rotational holder rotates to zero degree to provide a horizontal position and to 90 degrees to provide a vertical position.

6. The battery charger as recited in Claim 5 further including a second rotational holder of said first conductor so that when said first rotational holder is at the horizontal position, said second rotational holder is at the vertical position.
7. The battery charger as recited in Claim 1 wherein said battery compartment is detachably coupled to said charge body.
8. The battery charger as recited in Claim 3 wherein said battery compartment has two locking bolts and said charge body has two locking nuts and said locking bolts are electrically and pivotally coupled to said locking nuts.
9. The battery charger as recited in Claim 1 wherein said charger body further includes a switch for choosing battery types.
10. The battery charger as recited in Claim 6 wherein said battery compartment has two locking bolts and said charge body has two locking nuts and said locking bolts are electrically and pivotally coupled to said locking nuts.